

Sheet 1 of 1

#7

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO. 50963	SERIAL NO. 10/051,370
	APPLICANT(S): Doubrava et al.	
	FILING DATE: 01/18/02	ART UNIT: 1754 1742

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
ma	AA	3,332,771	07/25/67	Heidt			
ma	AB	4,303,704	12/01/81	Courduvelis et al.			
ma	AC	4,600,699	07/15/86	Courduvelis et al.			SEP 12 2002 TC 1700

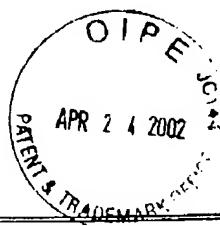
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ma	BA	Ezawa et al., "Extraction and Recovery of Precious Metals from Plating Solutions Using Molecular Recognition Technology", Transactions of the Institute of Metal Finishing, Institute of Metal Finishing, London, GB, Vol. 78, No. 6, 1 November 2000, pp. 238-242, XP001012176, ISSN: 0020-2967, pg. 240, last paragraph - page 241.
ma	BB	Patent Abstracts of Japan, Vol. 013, No. 072 (C-570), 17 February 1989 & JP 63 265813 A (Nippon Mining Co. Ltd.), 2 November 1988 - abstract.
ma	BC	Database WPI, Section Ch, Week 200126, Derwent Publications Ltd., London, GB; Class L03, AN 2001-248613, XP002199404 & JP 2001 032025 A (Matsuda Sangyo KK), 6 February 2001 - abstract.
ma	BD	Database WPI, Section Ch, Week 198505, Derwent Publications Ltd., London, GB; Class A97, AN 1985-029276 XP002199405 & JP 59 225741 A (Hitachi Ltd), 18 December 1984 - abstract.

Examiner:	Melvyn Andrews	Date:	2-18-2004
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 50963	SERIAL NO. 10/051,370
		APPLICANT(S): Doubrava et al.	
		FILING DATE: January 18, 2002	ART UNIT: 1754 1742

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPR
ma	AA	3,011,920	12/05/61	C.R. Shipley, Jr.			
ma	AB	3,532,518	10/06/70	D'Ottavio et al.			
ma	AC	4,020,009	04/26/77	Gulla			
ma	AD	4,085,066	04/18/78	Gulla			
ma	AE	4,120,819	10/17/78	Small			
ma	AF	4,164,481	08/14/79	Ma et al.			
ma	AG	4,223,173	09/16/80	Manziek			
ma	AH	4,227,899	10/14/80	Meny et al.			
ma	AI	4,240,909	12/23/80	Manziek			
ma	AJ	4,260,493	04/07/81	Kretas et al.			
ma	AK	4,261,738	04/14/81	Valentine et al.			
ma	AL	4,311,811	01/19/82	Manziek			
ma	AM	4,311,812	01/19/82	Manziek			
ma	AN	4,355,140	10/19/82	Manziek			
ma	AO	4,410,665	10/18/83	Manziek			
ma	AP	4,420,401	12/13/83	Kretas et al.			
ma	AQ	4,435,258	03/06/84	Melka, Jr. et al.			
ma	AR	4,593,016	06/03/86	Amelio et al.			
ma	AS	5,009,965	04/23/91	Feldstein			
ma	AT	5,047,563	09/10/91	Denton et al.			
ma	AU	5,213,895	05/25/93	Hirai et al.			
ma	AV	5,247,078	09/21/93	Champion et al.			
ma	AW	5,302,183	04/12/94	De Boer et al.			
ma	AX	5,304,233	04/19/94	Awadalla et al.			
ma	AY	5,914,195	06/22/99	Hori et al.			
ma	AZ	6,147,225	11/14/00	Gaboury et al.			
ma	BA	6,169,045	01/02/01	Pike et al.			

Examiner: *Melvyn Andrews*

Date: *2-18-2004*

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## UNITED STATES PATENT DOCUMENTS

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
ma	CA	224 741	08/01/85	Czechoslovakia	—	—	Yes

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ma	DA	Disclosed Anonymously, Research Disclosure No. 31448, "Reclamation of Palladium from Colloidal Seeder Solution", June 1990, pg. 493.
ma	DB	American Metal Market Publication, "Precious Metals, Platinum Group Can be Recovered with Hydrometallurgy", July 6, 1983, pp. 13.
ma	DC	Izatt et al., "Extraction and Recovery of Precious Metals from Plating Solutions Using Molecular Recognition Technology", IBC Advanced Technologies Paper, April 2000, pp. 1-15.
ma	DD	Draye et al., "Selective Extraction of Palladium From Acidic Nitrate Solutions with Thiamacrocycles-Synergized Dinonylnaphthalenesulfonic Acid Systems", Journal of Radioanalytical and Nuclear Chemistry, Vol. 220, No. 1(1997) pp. 105-107.
ma	DE	L. Shengquiang Pang, "Improvements in the Recovery of Palladium From Reprocessing Waste of Spent Nuclear Fuel Reported Earlier", Journal of Radioanalytical and Nuclear Chemistry, Articles, Vol. 189. No. 1 (1995)pp. 59-63.
ma	DF	V. Guy et al., "Lipophilic Polythiamacrocycles as Palladium Extracting Agents", Tetrahedron Vol. 5, No. 14, 1995, pp. 4065-4074.
ma	DG	Letowski et al., "Platinum and Palladium Recovery From Spent Catalysts By Aluminum Chloride Leaching", Proceedings of the International Symposium on Recycle and Secondary Recovery of Metals and the Fall Extractive and Process Metallurgy meeting sponsored by the Physical Chemistry Committee of the Metallurgical Society of AIME Held in Fort Lauderdale, Florida, December 1-4, 1985, pp. 735-745.
ma	DH	Saito et al., "Synthesis of Thiacrown Ether Carboxylic Acids and Their Characteristics as Extractants for Metal Ions", Analytica Chimica Acta 299 (1994) pp. 137-144.
ma	DI	B. Godlewski-Zylkiewicz et al., "Ion-Exchange Preconcentration and Separation of Trace Amounts of Platinum and Palladium", Analytical Letters, 33(13), 2000, PP. 2805-2820.
ma	DJ	L. Shengquiang, "Improvements in the Recovery of Palladium From Reprocessing Waste of Spent Nuclear Fuel Reported Earlier", Journal of Radioanalytical and Nuclear Chemistry, Articles, Vol. 189, No. 1(1995), pp. 59-63.

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